

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application:

Listing Of Claims:

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Cl* 1. (Currently Amended) A method for processing video, the method comprising the steps of:

determining an association between a first video segment including a particular feature and at least one additional information source also including that feature, ~~the association based upon the feature;~~ and

B' utilizing the association to display information from the additional information source based at least in part on a selection by a user of the feature in the first video segment.

2. (Original) The method of claim 1 wherein the determining step further includes the step of retrieving the association from a memory.

3. (Original) The method of claim 1 wherein the determining step further includes determining the association from information in a portion of the video segment.

4. (Original) The method of claim 1 wherein the additional information source comprises an additional video segment also including the feature.

5. (Original) The method of claim 4 wherein the utilizing step includes switching from display of the first video segment to display of the additional video segment also including the feature.

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6. (Original) The method of claim 4 wherein the utilizing step includes displaying the additional video segment at least in part in a separate portion of a display which also includes at least a portion of the first video segment.

7. (Original) The method of claim 1 wherein the feature is a video feature extracted from at least one frame of the video segment.

8. (Original) The method of claim 7 wherein the video feature comprises at least one of a frame characterization, a face identification, a scene identification, an event identification, and an object identification.

9. (Original) The method of claim 1 wherein the feature is an audio feature extracted from at least one frame of the video segment.

10. (Currently Amended) The method of claim 9 wherein the utilizing step includes combining an audio signal corresponding to the audio feature with an audio signal associated with the first video segment. ~~video segment, or transcribed in a textual format and displayed along with the video segment.~~

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11. (Original) The method of claim 9 wherein the utilizing step includes converting an audio signal corresponding to the audio feature into a textual format which is displayed with the first video segment.

12. (Original) The method of claim 9 further including separating at least a portion of the video segment into audio categories including one or more of single-voice speech, multiple-voice speech, music, silence and noise in order to extract the audio feature therefrom.

13. (Original) The method of claim 9 wherein the audio feature comprises at least one of a music signature extraction, a speaker identification, and a transcript extraction.

14. (Original) The method of claim 1 wherein the feature is a textual feature extracted from at least one frame of the video segment.

B¹ cont. 15. (Original) The method of claim 14 wherein the utilizing step includes displaying information corresponding to the textual information as an overlay on a display of the first video segment.

16. (Original) The method of claim 1 wherein the determining step further includes determining the association based at least in part on at least one multi-dimensional feature vector extracted from a portion of the video segment using a feature extraction technique.

17. (Original) The method of claim 1 wherein the determining step further includes determining the association based at least in part on at least one of a similarity measure and a clustering technique.

18. (Currently Amended) An apparatus for processing video,
the apparatus comprising:

a memory for storing an association between a first video
segment including a particular feature and at least one additional
information source also including that feature, ~~the association~~
~~based upon the feature~~; and

a processor coupled to the memory and operative to utilize the
association to direct the display of information from the
additional information source based at least in part on a selection
by a user of the feature in the first video segment.

19. (Currently Amended) An apparatus for processing video,
the apparatus comprising:

a processor operative (i) to determine an association between
a first video segment including a particular feature and at least
one additional information source also including that feature, ~~the~~
~~association based upon the feature~~; and (ii) to utilize the
association to display information from the additional information
source based at least in part on a selection by a user of the
feature in the first video segment.

20. (Currently Amended) An article of manufacture comprising a machine-readable medium containing one or more software programs which when executed implement the steps of:

determining an association between a first video segment including a particular feature and at least one additional information source also including that feature, ~~the association based upon the feature~~; and

utilizing the association to display information from the additional information source based at least in part on a selection by a user of the feature in the first video segment.

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21. (Original) A method for processing video, the method comprising the steps of:

determining from information in a portion of a first video segment an association between a particular feature of the first video segment and at least one additional information source also including that feature; and

utilizing the association to display information from the additional information source.

22. (Original) An apparatus for processing video, the apparatus comprising:

a processor operative (i) to determine from information in a portion of a first video segment an association between a particular feature of the first video segment and at least one additional information source also including that feature; and (ii) to utilize the association to display information from the additional information source.

23. (Original) An article of manufacture comprising a machine-readable medium containing one or more software programs which when executed implement the steps of:

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determining from information in a portion of a first video segment an association between a particular feature of the first video segment and at least one additional information source also including that feature; and

utilizing the association to display information from the additional information source.

24. (New) A method for processing video, the method comprising the steps of:

determining an association between (1) a portion of a video signal, the portion including a feature, and (2) at least one other information source also including the feature; and

utilizing the association to display information from the other information source based at least in part on a selection by a user of the feature in the portion of the video signal.

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25. (New) A method for processing video, the method comprising the steps of:

determining from information in a portion of a video signal an association between a feature of the video signal and at least one other information source also including that feature; and

utilizing the association to display information from the other information source.
